

FIG. 1
PRIOR ART

This diagram shows a cross-sectional view of a substrate assembly. A top layer (11) contains a patterned layer (1) with circular features (30) and a central region (31). Below this is a layer (2) with a patterned region (3). A lower layer (4) contains vertical channels (8) defined by dashed lines. A layer (9) is at the bottom. A dimension 'd' is indicated at the bottom, representing the width of the channels. Other labels include 10, 12, 5, 6, and 7.

FIG. 3

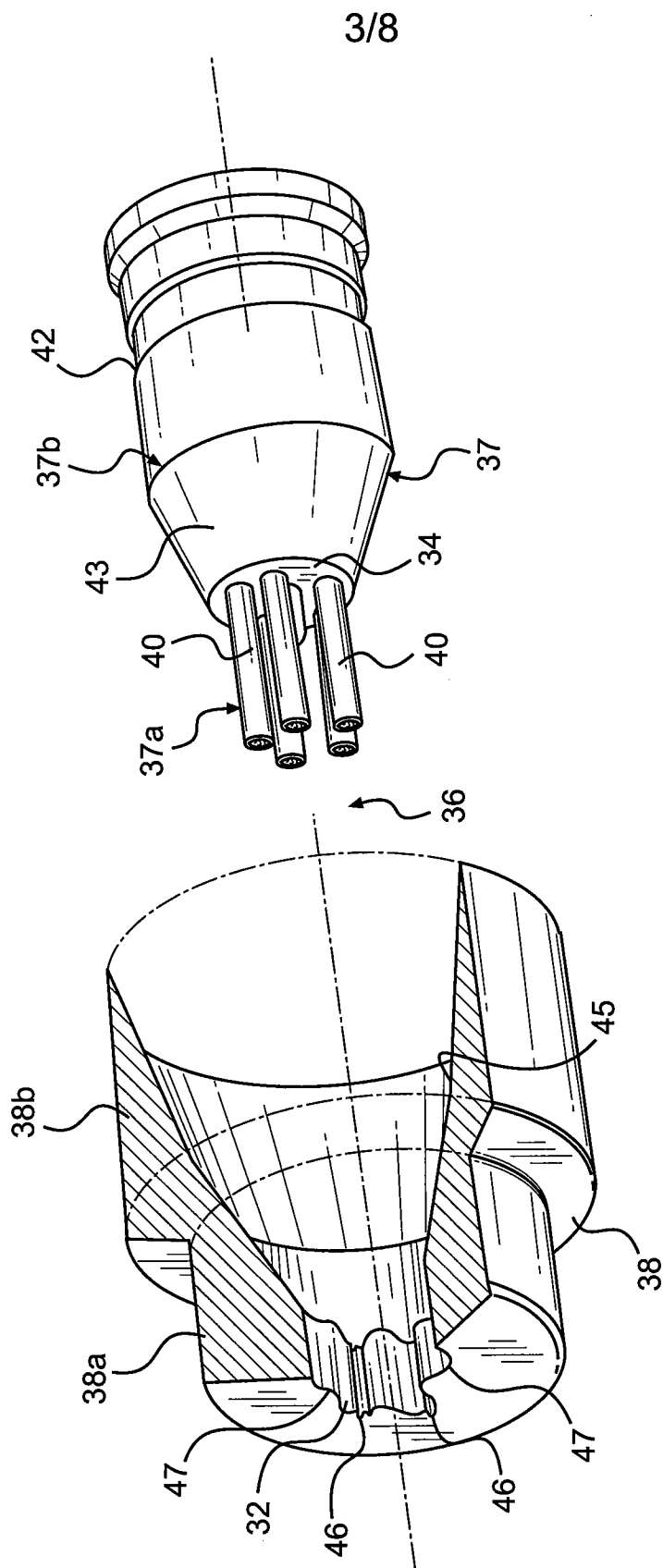
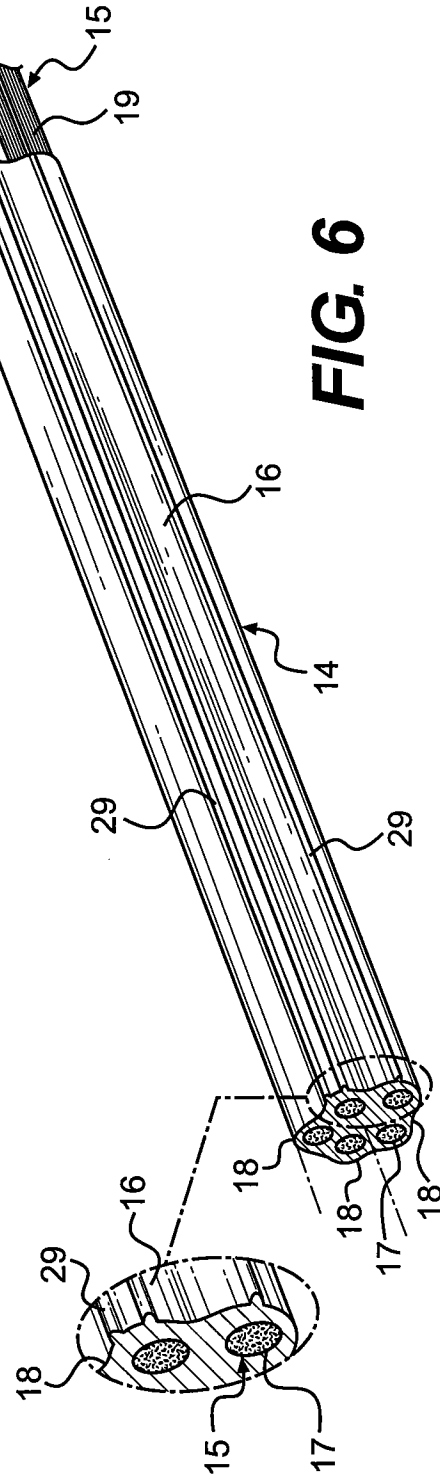
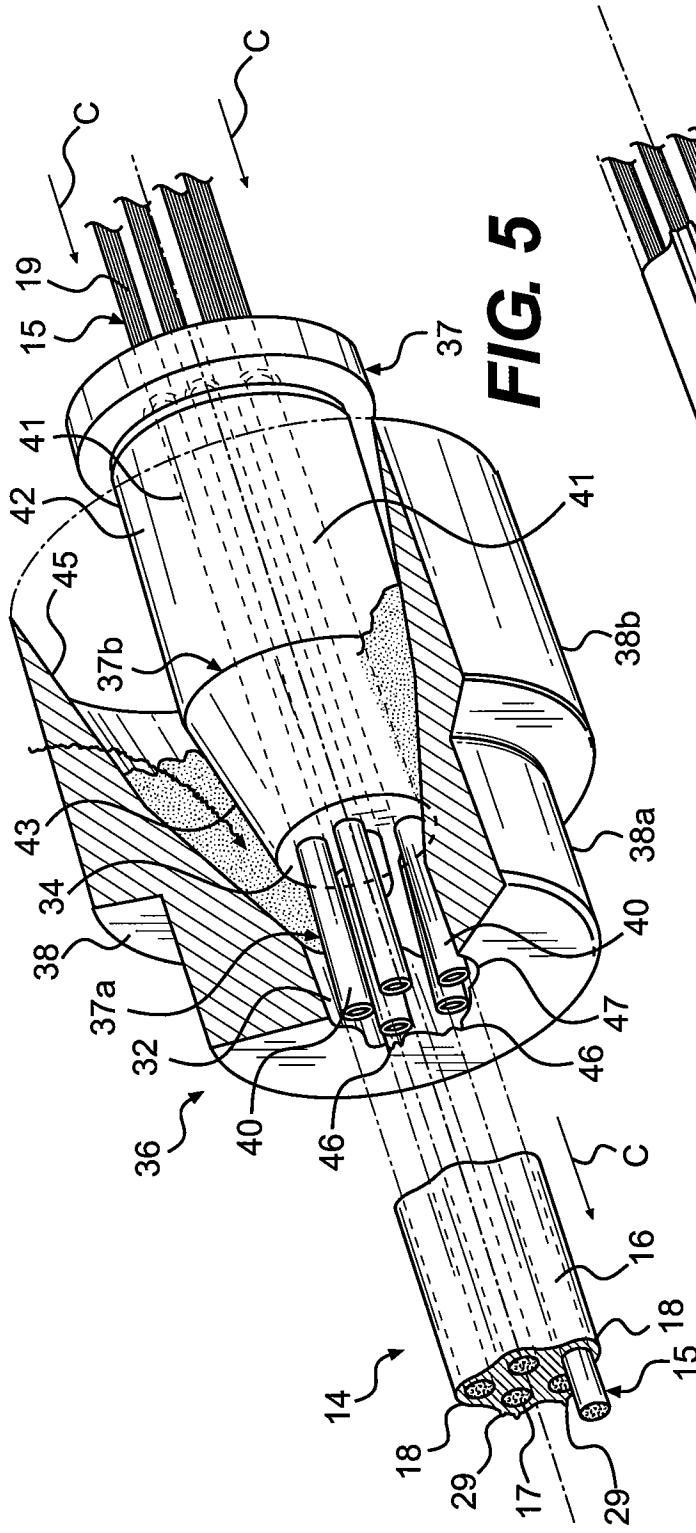
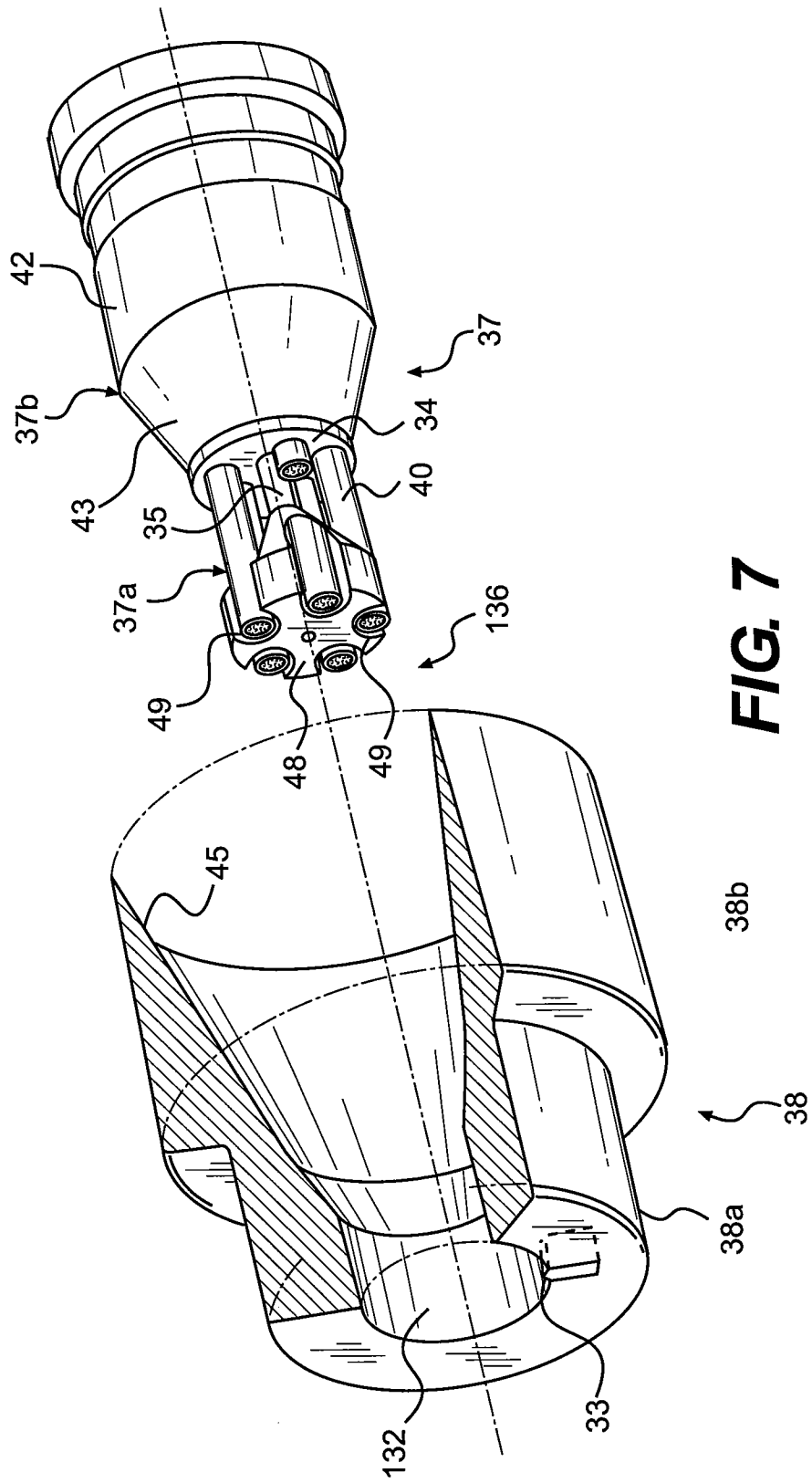
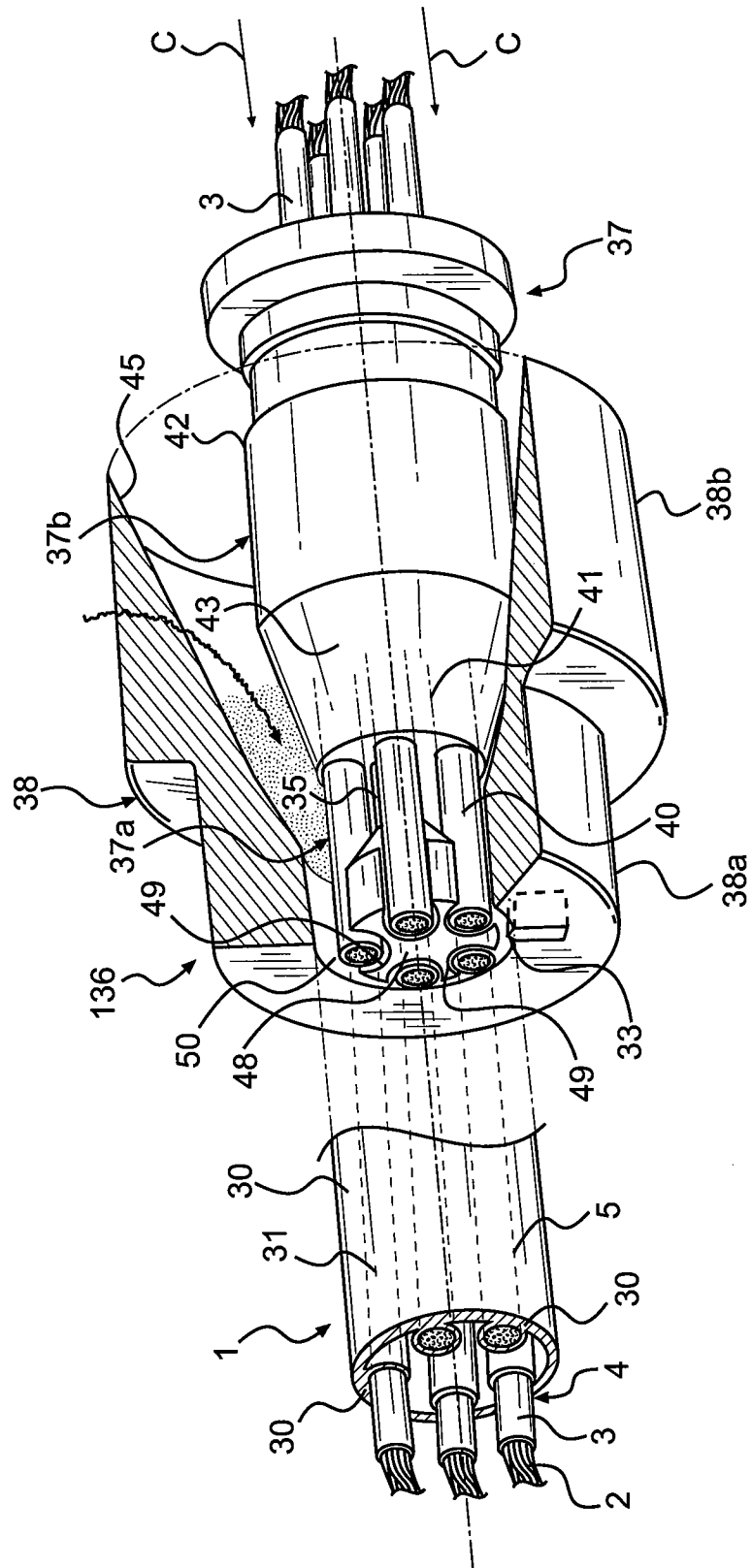


FIG. 4





**FIG. 8**

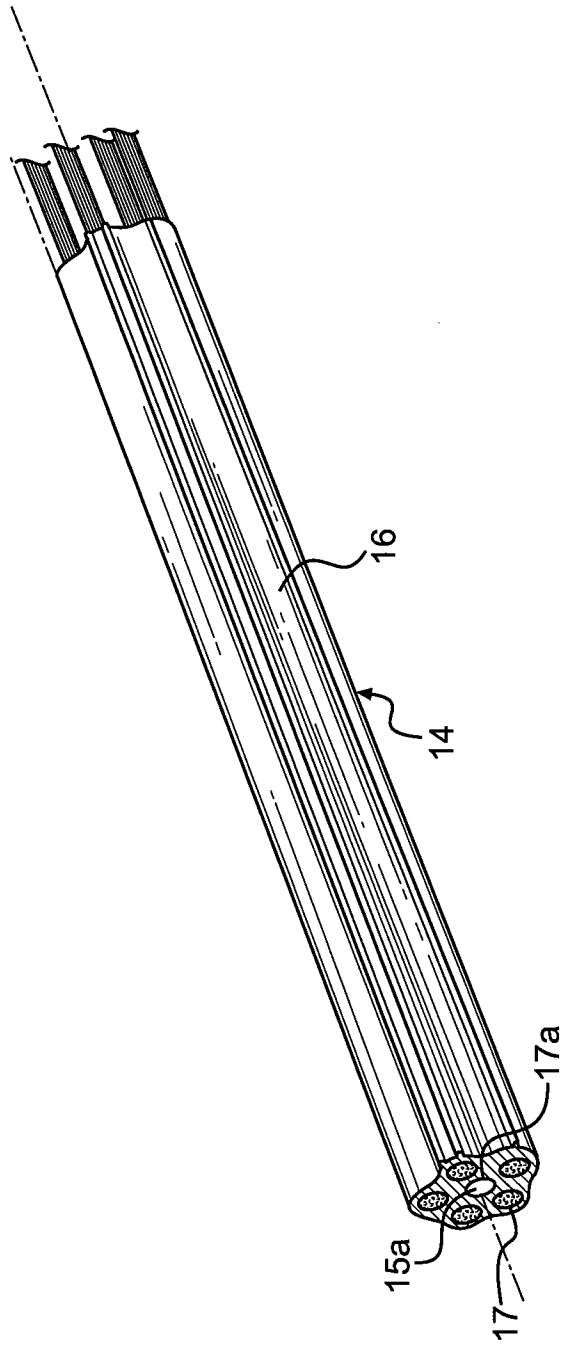


FIG. 10